L Number	Hits	Search Text	DB	Time stamp
-		lloyd near watts	USPAT;	2004/05/21 16:17
]		!	US-PGPUB;	[
	1 1	1	EPO; JPO;	1
1		Į	DERWENT;	
_	9	(noise near feedback near coding) and VQ	IBM_TDB USPAT:	2004/05/15 13:40
1	ا	,	US-PGPUB;	2007/00/10 10:40
	l j	Į.	EPO; JPO;	
	1 1	Į.	DERWENT;	
į i	1	(),	IBM_TDB	0001155155
-	9	(noise near feedback near coding) and (VQ	USPAT;	2004/05/15 13:40
1	1	or vector near quantization)	US-PGPUB; EPO; JPO;	
1	1		DERWENT;	
1	l	!	IBM_TDB	1
-	7	(======	USPAT;	2004/05/15 13:41
	l	or vector near quantization) and (speech	US-PGPUB;	1
		or audio)	EPO; JPO;	
			DERWENT; IBM TDB	
_	7	(noise near feedback near coding) and (VQ	USPAT;	2004/05/15 13:41
	·	or vector near quantization) and (speech	US-PGPUB;	1. 20, 40 10.41
[' ' '	r i	or audio) and residual	EPO; JPO;	<u> </u>
	l	ļ	DERWENT;	
	_	(noise near foodback seem and	IBM_TDB	2004/05/15 55
-	7	(noise near feedback near coding) and (VQ or vector near quantization) and (speech	USPAT; US-PGPUB;	2004/05/15 13:43
1		or vector near quantization) and (speech or audio) and residual and error near	US-PGPUB; EPO; JPO;	
		vector	DERWENT;	
			IBM_TDB	
-	92	, =	USPĀT;	2004/05/15 13:43
		(speech or audio) and residual and error	US-PGPUB;	
		near vector	EPO; JPO; DERWENT;	
			IBM TDB	
-	21	(VQ or vector near quantization) and	USPAT;	2004/05/15 13:43
		(speech or audio) and residual and error	US-PGPUB;	
		near vector and error near energy	EPO; JPO;	
			DERWENT;	
-	19	(VQ or vector near quantization) and	IBM_TDB USPAT;	2004/05/15 13:43
	1	(speech or audio) and residual and error	US-PGPUB;	
		near vector and error near energy and	EPO; JPO;	
		noise	DERWENT;	
_		(VO or vector non montication)	IBM_TDB	2004/05/15 12 12
	6	(VQ or vector near quantization) and (speech or audio) and residual and error	USPAT; US-PGPUB;	2004/05/15 13:43
		near vector and error near energy and	EPO; JPO;	
	!	noise and feedback	DERWENT;	
			IBM_TDB	
-	23	noise near feedback near coding	USPAT;	2004/05/15 13:46
		ļ	US-PGPUB; EPO; JPO;	
		!	EPO; JPO; DERWENT;	
		ļ	IBM_TDB	
-	104	feedback near coding	USPAT;	2004/05/15 13:46
ļ i			US-PGPUB;	ļ l
			EPO; JPO;	
		!	DERWENT;	
-	45	feedback near coding and noise	USPAT;	2004/05/15 13:46
		1	US-PGPUB;	
		!	EPO; JPO;	
		•	DERWENT;	
_	9	feedback near coding and noise and vq	IBM_TDB USPAT;	2004/05/15 13:47
	9	and noise and vq	USPAT; US-PGPUB;	2004/05/15 13:4/
	1	ļ	EPO; JPO;	
			DERWENT;	[
			IBM_TDB	1

-	16	feedback near5 coding and noise and vq	USPAT;	2004/05/15 13:47
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	135	feedback and coding and noise and vq	USPĀT;	2004/05/15 13:47
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	108	foodback and coding and noise and are and	IBM_TDB USPAT;	2004/05/15 12:40
-	100	feedback and coding and noise and vq and (audio or speech)	US-PGPUB;	2004/05/15 13:48
1		(dddio or opocon)	EPO; JPO;	
			DERWENT;	
	j		IBM_TDB	
-	82	1	USPAT;	2004/05/15 13:48
		(audio or speech) and energy	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
-	58		USPĀT;	2004/05/15 13:48
		(audio or speech) and energy and residual	US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
_	58	feedback and coding and noise and vq and	IBM_TDB USPAT;	2004/05/15 13:48
		(audio or speech) and energy and residual	US-PGPUB;	2007/03/13 13.40
		and error	EPO; JPO;	
			DERWENT;	
	ŀ		IBM_TDB	
-	18		USPAT;	2004/05/15 13:59
		(audio or speech) and energy and residual and error and codevector	US-PGPUB; EPO; JPO;	
	ŀ	and error and codevector	DERWENT;	
			IBM TDB	
_	15	5745871.URPN.	USPĀT	2004/05/15 13:55
-	5	noise near feedback near filter and	USPAT;	2004/05/15 14:00
		coding and noise and vq and (audio or	US-PGPUB;	
		speech) and energy and residual and error and codevector	EPO; JPO;	
		and codevector	DERWENT; IBM TDB	
_	5	noise near feedback near filter and	USPĀT;	2004/05/15 14:00
		coding and noise and vq	US-PGPUB;	, ,
1			EPO; JPO;	
1			DERWENT;	
1_	8	noise near feedback near filter and	IBM_TDB USPAT;	2004/05/15 14:01
	· °	coding and noise	US-PGPUB;	2004/03/13 14:01
			EPO; JPO;	
			DERWENT;	
İ			IBM_TDB	
-	17	noise near feedback near filter	USPAT;	2004/05/15 14:04
1			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	12	noise near feedback and vq	USPAT;	2004/05/15 14:06
İ			US-PGPUB;	
			EPO; JPO;	
İ			DERWENT; IBM TDB	
_	32	noise near shaping and vq	USPAT;	2004/05/15 14:10
			US-PGPUB;	111, 10, 10 11, 10
			EPO; JPO;	
			DERWENT;	
_	220	noise and feedback and	IBM_TDB	2004/05/15 14 12
-	238	noise and feedback and vq	USPAT; US-PGPUB;	2004/05/15 14:10
			EPO; JPO;	
			DERWENT;	
L			IBM TDB	

_	59	noise and feedback and vq and error and residual and energy	USPAT; US-PGPUB;	2004/05/15 14:11
	1.7		EPO; JPO; DERWENT; IBM_TDB	0004/05/15 14 15
-	17	noise and feedback and vq and error and residual and energy and filter and codevector	USPAT; US-PGPUB; EPO; JPO;	2004/05/15 14:15
_	9	marcellin near3 michael	DERWENT; IBM_TDB USPAT;	2004/05/15 14:15
			US-PGPUB; EPO; JPO; DERWENT; IBM TDB	
-	1	6717990.URPN. "6504877".PN.	USPAT USPAT	2004/05/15 14:16 2004/05/15 14:16
_	14	5,197,052	USPAT; US-PGPUB; EPO; JPO;	2004/05/20 13:58
-	15	foot near5 switch near5 speaker	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/05/20 13:11
			EPO; JPO; DERWENT; IBM TDB	·
-	16	"6366622"	USPĀT; US-PGPUB; EPO; JPO;	2004/05/20 13:58
-	3008	ECT	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/05/21 16:18
-	5	ECT near training	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/05/21 16:18
-	1	ECT near training and grammar	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/05/21 16:19
_	5	ECT near training	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/05/21 16:19
_	1	Error near corrective near training	EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/05/21 16:20
			US-PGPUB; EPO; JPO; DERWENT; IBM TDB	
-	276	Error near corrective	USPAT; US-PGPUB; EPO; JPO;	2004/05/21 16:20
-	6767	weight near (Error near corrective near training) grammar	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/05/21 16:22
_	1	(weight near (Error near corrective near	EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/05/21 16:21
		training) grammar) and (Error near corrective)	US-PGPUB; EPO; JPO; DERWENT;	2001,00721 10.21
	<u> </u>		IBM_TDB	

Search History 6/11/04 1:21:30 PM Page 3

-	19	weight near5 grammar	USPAT;	2004/05/21	16:22
			US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
_	23	weight near10 grammar	USPAT;	2004/05/21	16:23
		· · · - • · · · · · · · · · · · · · · ·	US-PGPUB;	,,	
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
_	0	weight near10 grammarASR	USPAT;	2004/05/21	16.23
İ	ľ	Horgite Hearro granularion	US-PGPUB;	2001/03/21	10.25
			EPO; JPO;	İ	
			DERWENT;		
			IBM TDB		
	12	woight near10 grammar and speech near	USPAT;	2004/05/21	16.24
-	12	weight near10 grammar and speech near recognition	US-PGPUB;	2004/03/21	10.24
		recognition	1		
			EPO; JPO;		
			DERWENT;		
	,	10	IBM_TDB	0004/05/01	16.05
-	1	, ,	USPAT;	2004/05/21	16:25
		recognition and maximum near likelihood	US-PGPUB;		
		and estimation	EPO; JPO;		
			DERWENT;		
1			IBM_TDB		
-	1	weight near10 grammar and speech near	USPAT;	2004/05/21	16:25
		recognition and maximum near likelihood	US-PGPUB;		
		near estimation	EPO; JPO;		
			DERWENT;		
			IBM_TDB		
-	803	maximum near likelihood near estimation	USPAT;	2004/05/21	16:25
	ł		US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
-	2	maximum near likelihood near estimation	USPAT;	2004/05/21	16:26
		and error near corrective	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
-	1	6044344.URPN.	USPĀT	2004/05/21	16:26
-	19	1	USPAT;	2004/06/10	
			US-PGPUB;		
	İ		EPO; JPO;		
			DERWENT;		
		·	IBM TDB		
_	9	zero\$ near filter and noise near feedback	USPAT;	2004/06/10	15:13
	١	and (@prad < "20010411" or @ad<20010411)	US-PGPUB;	2001,00,10	
		and (opide t 20010111 of Guarzoo10411)	EPO; JPO;		
			DERWENT;		
			IBM TDB		
1_	2	error near energy and noise near feedback	USPAT;	2004/06/10	15.12
		and (@prad < "20010411" or @ad<20010411)	US-PGPUB;	2004/00/10	10.10
		and (epiad > 20010411" Of @dd\20010411)			
			EPO; JPO;		
			DERWENT;		
	!		IBM TDB	<u> </u>	